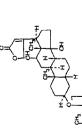
## **EXHIBIT 601.4**



coades, a closely related graup of drugs having in common spetific-effects on investment area drugs area drugs in another of plants of graun is extracted from the therews of *Digitalis tanals*. He bern "digitalist is used to designate the whole group of giyescides The giyescides are composed of two partiens a sugar and a cardeno-lise these 'giyescides'. DESCRIPTION: DIGITEK (digoxin) is one of the cardiac (or digitalis) gly-A(mo )

(digoxin tablets, USP)

Digadi 1s described chemically as (3 0, 5 0, 12 B)-34(0.2, 6-diamony-1-0-the-hampensory-(1-4-4)-0.5, 6-diamony-10-the-hampensory-(1-4-1-4)-0.5, 6-diamony-10-the-hampensory-10-13-14, 0-dipton-paragoranosyton-1-2,14, 0-dipton-paragoranosyton-1-2,14, 0-dipton-paragoranosyton-1-2,14, 13 molecular translati formula is  $(p_1^{\dagger} k_2^{\dagger} t_1)_{11}$ . Its molecular weight is 780.94, and the streetlural formula shown.



NGAD 800-631-6989

**EXHIBIT** 

1- <del>4-1/4</del>1/1- VLIII

Digazin exists as odarless white crystats that melt with decompo-mica above 230°C. The drug is practically insoluble in water and in either signity saiula in ditured (50%) alcohol and in chiordorae, and reapy soluble in byridine.

DIGITEK is supplied as 125-meg (0.125-me) or 256-meg (0.25-mg) is tabilist for oral sofuritistizene, best basis constants the basied be amount of algorin 150 and the following hardren is pagetimes; corn starch, croscamelions sodium, increocystalline calluless, pageta. A funca starch, accise membridates and amproficus siftiem of dioutis and stear is accident and instance of the addition, the 125-meg (0.125-mg) table to contrains DEC Yellow No. 10 Aluminum Lake.

ITS 010116

solding potastion Albasa, an anomal that cognities the quentity of solding potastion Albasa, an anomal that concentration of solding and potastic p valicity through the AV node (vagonulmentic effect). The effects of digor-in is heart failour are mentiated by the positive incomplex and neurolino-monal dearcharing effects, whereas he effects of the drug in arial arrhythmias are related to its vagonilmetic actions. In high closes, digoid increases sympathetic outflow from the central network system (CKIS, This increase in sympathetic activity may be an important fac-tor in digitals (concty). CLINICAL PHARMACGLOGY: Machanism of Action: Digordn inhibils

Pharmacekineties: Absorption. Following oral administration, peak seem concentrations of sigguin concentration of sigguin concern at 1 to 1 hours. Absorption of seem recum from digratic tablets has been neuro attended to be 60% to 80% compiler compared to an identical intravenous doss of digration.

function as indicated by creatinine clearance. The Cockroll and Gout formula for extination of creatinine clearance includes age, body weely, and gender it table this provides the usual day man-tenance dose requerements of deposit tables based on creatinine clearance (per 10 kg) is presented in the DOSAGE AND ADMINISTRA-

(absolute binavaliability) or Digoun Solutiun in Capsoles (vitable boavaliability). Wind original habita is a belan at larmes, that are of absorption is solwed, but her let a mount of digout absorbed is usu-aity unchanged. When taken with meats high in brea fleer, however, the amount absorbed from an east doze may be induced. Comparisons of parties availability and equivalent dozes for and preparations of nigigations es and any in a basil doze may be induced. Comparisons of parties are shown in Table 1.

Pharmacodynamic and Dinical Effects: The times to onset of pharmacologic effect and to peak effect of preparations of digoxin are shown in Table 2.

Table 2: Times to Onset of Pharmacologic Effect and to Peck Effect of Preparations of Digaxia

Time to Peak Effect\* 2-6 hours 2-6 hours 2-6 hours 1-4 hours

Time to Onset of Effect\*

Product

Plasma digoxin concentration profiles in patients with acute hap-aitits generally fell within the range of profiles in a group of healitry

fON section.

Table 1: Comparisons of the Systemic Avallability and Equivalent Doses for Oral Preparations of Digoxin

	Absolute				
		Equiva	Equivalent Doses(mcg)	sesímo	
Product	avaitability	Amdn	unding Dosage Forms	Forms	
Direction Tablets	208-09	523	125	250	99
Digoria Pediatric Elizir	70-85%	62.5	125	250	8
Digazın Saluttan					3
in Capsules	2001-06	S	8	2902	400
Bigarin Injection/IV	7001	s	8	200	8

\*For anample, 125-mrg Olgovin Tablats aguivaleat to 125 mrg Di-gozin Padialnre Elixir equivalent to 100 mrg Digozin Solutton In Capsules equivalent to 100 mrg Olgovin Injection/IV

In some pattents, crafty administrand digodin is converted to inscribing the receivable in the zero product it exp. digoralizable by colonic becapital in the got Cast suggest hast one in the patients inside with digodin labitis will appeal of 3% or more of the kingsold dose. As a sessit, extrain analkholic, may increase the absorption of digotal in such appears. Although inscribedon of these bacters by antikedics is rapid, the serum digoain concentration will rise at a cata consistent with the diffination half-like of digorit. The magnitude of rise in serum digoain concentration relates to the actent of bacterial inactivation, and may be as metal his twe-fad in some cases.

ance. Those hemodynamic effects are accompenied by an increase in the left ventricular ejection fraction and a decrease in and-systolic and end-diastolic dimensions

onary capillary wedge pressure, and systemic

themodynamic effects. Digoxin produces hemodynamic improvement in patients with heart failure. Short- and fong-term therapy wilth the stree increases cardiac output and towers pulmonary artery pressure.

Distribution, Following drug administration, a 6-10 8-how tissue of elishibition pakes to schere will his followed by much non grad-distribution ghases to schere will his followed by much non grad-distribution and the same occamination of digods from the bady. The peak halpful and schem his bases of the asy actual, concentration-time curva are dependent upon the route of administration and the absorption characteristics of the formulation. Contains widener characteristics with formulation of administration and the absorption characteristics of the formulation. The contains widener characteristics of the formulation. The contains widener characteristics of the formulation. The will administ curve the standy-distribution serum concentrations are no equilibrium with Vissue concentrations and correct condemnia with places. In dividual patients, these post-distribution serum concentrations are preside and trace effects. In individual patients, these post-distribution serum concentrations are preside and trace effects can be equilibrium with Vissue excentration in preside and trace effects. The dividual patients, these post-distribution serum concentrations is not correct effects. The dividual patients, these post-distribution serum concentrations is not correct.

Digoxin is concentrated in tissues and therefore has a large apparent volume at distribution. Digosin crosses both the blood-brain barrier and the placenta. At delivery, the serum digoxin concentration Approximately 25% of degram in the plasma is bound to protein Sorum digean constructions are not suggificationly where by large changes in that issue weight, so that it is distribution space correlates best with lean fire, ideal) body weight, not total body weight. In the newborn is similar to the serum concentration in the mother

Metabolism. Only a small parentinge (18%) of a dose of digotin is rematchers. It was man instance which include : B-digotieen, 2-kelo-digotieen, and that glucusonide and suitate conjugate, point in nation and see pacitation to be formed was hydrolysts, oxidation. In an editorie point in the national metabolism of digotin is not dependent topon the cyclotherne P-450 system, and digetin is not known to induce or inhibit the cytochrone P-450 system.

Excreton: Elimination of digash fallows first-order kinesirs, (that is, the questity of digashi eliminate of any time is proportional to the total badily contest). Following intravenous admiristration to healthy voluntees, 56%, to 70% of a digashi dose is excreted unchanged in the urine. Renal excretion of digash is proportional to of 1.5 to 2 day. The half-life in anuric patients is gnolonged to 1.5 to Sdays. Digonie is not effectively-enroyed from the body by dialysis, estanger transfusen, or during cardiopulmonary typass because most of the dury is bound to listen and does not circulte in the flomerular filtration rate and is largely independent of urine flow in mality volunteers with normal ranal function, digoxin has a half-life

los have nat been formally studled. Because digoxin is prìmarily ei im-inated as unchanged drug via the kidney and because there are no important differences in creatinine clearance among races, pharma-Sp*ecial Populations*- Race differences in digoxin pharmacokinet-The clearanca of digosin can be primarily correlated with renal cokinetic differences due to race are not expected.

		Al-Cause	Al-Cause Hospitalization*	
	_	Placebo	Digado	Relative risk
All Patrants				0.94
(EF < 0.45)	6801	604	583	(0.86-100)
				0.96
NYHA VII	4571	549	SE	(0 89-1 04)
				0.99
EF 0 25-0 45	4543	268	175	(0.91-1.07)
				860
CTR < 0.55	4455	195	563	(0 91-1,06)
				0.88
HYHA HIAV	2224	719	989	(0.80-0.97)
				0.84
EF < 0.25	2258	677	637	(0 76-0 93)
	_			0.85
CTR > 0 55	2346	687	59	(0 77-0.94)
				1 04
EF > 0 454	987	571	585	(0.86-1.23)

		!	İ	1	and the family of the same of
		Risk of H	Risk of M-Related Mortality or	ladity or	itestanii oepidiidi saiistites tie inyocareiuni ju urgoun, jirereloke, ii is destreble to maintain normal sevum ontassium and magaesium
		מושוב ביו	nr-meinien nospitalization	loo.	3 11 17 17
	-	Placebo	Olgona	Refetive risk	concentrations in patients being treated with digodn, Deliciencies of
All Patients	L			670	tasts electrolytes may tesure from mainufition, distings, of pro-
(EF 5 0 45)	6801	294	217	(0.63-0 76)	diegra somming, as the est me use of the landship of the bounds of the bounds district
				0.70	cores contents, amplitudated to the content of the
NYHA 1/1	4571	242	178	(08 0-29 0)	and mechanical suction of gastromtestinal secretions.
				0.74	Hypercalcomin from any cause predisposes the patient to digital-
EF 0.25-0 45	\$	244	161	(0.66-0.84)	is toxicity. Calcium, particularly when administered rapidly by the
				-	hardenings and a may produce sevines arrivation to a second section of the last second section in the last section in the las
CTR \$ 0.55	4455	538	180	(0 63-0.81)	nationts On the other hand hyperacomics can nullike the effects of
				0.65	district to homens. This district he ineffective until secure cel-
WYHA III/IV	2224	402	295	(0.57-0.75)	מולמיות עו וומשונול ווזמל מולמיות ווזים זים וומוובילואם מוונו לכל חוו רפל
		!		0.61	clum is restored to normal. These interactions are related to the fact
FF < 0.25	7758	394	270	(053-071)	that digmin affects contractility and excitability of the heart in a
				0.65	manner similar to that of calcium
CTR > 0 55	2346	388	283	(0.57-0.75)	Use in Thyrold Disorders and Hypermetabolic States, Hypethynoidism
				0.72	may reduce the requirements for digadin. Heart tailure and/or atrial
EF > 0.45*	287	2	136	(66 0-05 0)	arrhythmlas resulting from hypermetabolic or hyperdynamic states
					(a.g., hyperthyroidism, hypoxia, or arteriovenous shunt) are hest treat-
-Number of par	CENTS WITH	an eveni du	ring the firs	"Number of parteurs with an event during the first 2 years per 1400	ed by addressing the underlying condition. Atrial arrhythmias associ-
randomized patients.	flents.				ated with honermetabolic states are narticularly resistant to alterna
*Relative risk (95% confidence interval)	15% conflic	Jence Interva	(FE		troubmant Core must be taken to small taxing it if directing a small
the beatleast factor	1				טבפווופונר ראום ווופזן מם יפאכון זו פענות ומזוכול זו מולמקון זו פזבר.
C VISIONIE ALICE	2				

Documented for ventricular response rate in atrial fibrillation,

0 5-2 hours 5-30 minutes 0 5-2 hours 0 5-2 hours

Olgonn Tablets Digosin Padiatric Elosi Digosin Sofullon In Capsuter Digosin Injection/IV

Inotropic effects and electrocardiographic changes Depanding upon rate of infusion.

a secondary and-point should be interprated cautiously.

tion, digodin slows rapid ventricular response rate in linear dose-response fashion from 0,25 to 0,75 mg/day. Digodin should not ba leart failure. DIGNEK is indicated for the treatment of mud to modsrate heert fallure. Digozin increases left ventricular ejection fraction used for the treatment of mutiliocal atrial tachycardia.

the doss of digrath for 1 to 2 days print to electrical candioversion of artist fibrillation to avoid the holdscope of surfacel artistylmias, but physicians must consider the consequences of increasing the confiderals must consider the consequences of increasing the confiderals may about 16 digitals toackity is suspential, describe cardioversion that about be delayed. If it is not prospect and the confideration and pure passed and to delay cardioversion, the lowest passible energy level should be elected to avoid provoking veniticals arrivphmiss.

centrations) assessed periodically, the troquency of assessments will depend on the clinical setting. For discussion of servm digostn concentrations, see DOSAGE AND ADMINISTRATION section.

Lathurstory Test Mankaring: Patients receiving digrain should have

their serum electrolytes and renal function (serum creatinine

and improves heart failure symptoms as evidenced by exercise capacity and sext failure-based Anoppirations and embegring capacity has having no effect on mortality Whitera possible, digosom should be used with a diturble and an angidensin-converting entyme histology, but an optimal order for starting thase three drugs cannot mistible; but an optimal order for starting thase three drugs cannot Controlic frant Fellure: Not 12-week, double-blind, placebo-can-feella studies enclosed 178 (Anbluder Ettal) and 88 (ROWED III) and pastents with VITA class if or ill heart failure previously traded with degradin, a disselle, and as AGE tankblor (RADIRNGE only) and can-demansivated better preservation of searcies capacity in pelicitals andnement to dispose, continued real-ment with dispoin reduced has risk of developing wersaming heart failure, as swidenced by heart fail-une-ratated hospitalizations and emergency care and the need for concentrated the failure shrengy. The sigges volved is present treatment-estated benefits in NYIM, class and patients, global assessment, in the smaller friel, thas strended in favor of a treatment.

CONTRAMOICATIONS. Digitalis spoosides are contraindicated in partialists with venductura Pithishishin or In papirars, with a known hyper-sensitivity to digorin. A hypersensitivity macilion to other digitalis preparations usually constitutes a contraindication to digorin.

the invalenties (authorities) are controlled mentally states of 65 600 patients with heart failure and the vinctions begins controlled and states of 53.4 x. If randomizalin, 61% were WYM, class to it. 13% had then to failure of techemic stology, 44% had been rerelying digrain, and most wave receiving excountinal wife. Inhibitive (53%) and diffused (62%), Palleitats were randomized to placabo or digrain, the dorse of which was adjusted for the pollwards age, see, lean body weight, and with was adjusted for the pollwards age, see, lean body weight, and for up to 55 months innedien ATM mention and they may be seemed to the controlled of 
inframental (Bean Interpr) come patients with paragrams in inframental fibrillation of fullers and a constituting necessary by pathway have developed interessed salegrade conduction across the accessory pathway bipassing the N node, leading to a very rapid wenthcular responses or usefulared influidation. Unless conduction down the accessory pathway has been backed (either pharmacologically or by suggery, digonis should not be used in such pathents its trainment of perceptual standards (either pharmacologically or by suggery, digonis should not be used in such pathents its usually direct-current cardiovasion;

Use of digorin was associated with a trend in reduction in time to ell-cause death or hospitalization. The trend was evident in subgroups of patients with mild heart failure as well as more severe disease, as shown in Table 3. Although the effect on all-cause death or hospitalization was not statistically significant, much of the apparant benefit derived from effects on mortality and hospitalization

Takle I. Subgroup Analyses of Mortality and Nospitalization During the First Two Years Following Randomization.

dtributed to beant failure.

Risk of All-Cause Medality or

This require amoler than usual maintenance doses of digroun (see DOSAGE, AND ADMINISTRATION). Because of the proloaged elimbation half-life, a borger period of thin is required to adheve an initial or may Seedy-stale acum concentration to patients with renal impair ment than in patients with normal impair ment than in patients with normal impair is not taken to reduce the dose of digrouin, such patients are at high isk for toxicity, and toxic effects will last longer in such patients than

Use in Patients with Electrolyte Disorders, in patients with hypokalents or hypomagnesenta, toxicily mey occur despite souro digoxin concentrations below 2 ng/mt, because podasstum or meg-

nesium depiblion sensitites the myocardium is digorin. Therefore, it is desirable to maintain normal serum putassium and magnesium	concentrations in patients being treated with digadn. Deficiencies of	thate electrolytes may fasult from majorifition, distribes, of pro- longed vomiting, as well as the use of the following drugs or proce-	outes, untellex, amplionetim o, controstebus, amatics, diarysis, and mechanical suction of gestiontestinal secretions. Hungeralemia from any ease or advocate the outsier in diedal.	is tockily, Caldum, particularly when administered rapidly by the	intravenous route, may produce serious arrhythmiss in digitalized natients. On the other hand, hymorakowila can nuttify the effects of	digodin in tennans, thus, digodin may be ineffective until serum cal- clum is restored to normal. These interactions are related to the fact	that dignite affects contractility and excitability of the heart in a manner similar to that of calcium	Use in Tryrold Disorders and Hypermetabolic States. Hypertyroidism	may reduce the requirements for diguidn. Heart failure and/or atrial arringhmens resulting from invermetabolic or broadwamte. States
allty or	Ratelive risk	0.69 (0.63-0 76)	0.70 (0.62-0.80)	(0.66-0.84)	(0.63-0.81)	0.65 (0.75)	(053-0.71)	(0.57-0.75)	0.72 (0.53-0.99)
Risk of M-Related Modality of M. Salatad Brosslation	Olgano	712	178	190	180	582	270	187	136
Risk of HF	Placebo	294	242	244	239	402	75	366	173
	-	1089	4571	\$543	4455	2224	8522	2346	287
		All Patients (EF s 0 45)	HYHA UE	F 0.25-0 45	CTR < 0.55	YYHA III/IV	F < 0.25	JR > 0.55	F > 0.45

> Number of patients with an event during the first 2 years per 1000 Relative risk (95% confidence interval) PJG Ancillary Study.

in situations where there is no statistically significant benefit of treatment evident from a trial's primery endpoint, results per taining to Chronic Atrial Fibrillation: In patients with chronic atrial fibrilla

Use in Potents with Acute Myccardial Infarction. Digmin should be to while cardin in patients with acute mocardial infarction. The use of indirectly drugs in some patients in this sating may result undestable increases in myccardial wayen demand and ischemia undestable increases in myccardial wayen demand and ischemia

Use During Electrical Cardioversion: It may be desirable to reduc

Atrial Fibriliation. DICITEK is indicated for the control of vantucular response rate in patients with chronic atrial fibriliation

The Digitalis investigation Group (DIG) main trial was a mullicen-

and M conduction, the drug commonly prodongs the PR interval. The drug may beater severe since broadycards or stomential block in patients with pre-esting from node classess and may cause advanced or complete heart block in patients with pre-estiting incomplet NV block, natural patients conductation should be given to the insurion of a pecenator before transferred with oligouin Accessary NV Pathway (WOMI-Particison-White Syndreme): After Sinus Hode Disease and AV Block: Because digoxin

Patients with certain disorders involving heart fallure associated with Use in Petients with Preserved Left Ventricular Systolic Function

preserved left wenticular gictim fraction may be particularly sossen this is possibly of the sing Shad signates include mancher car-demypashy, considerive petitacistic, amptiod heart disease, and acute cor polinonale. Patents with idiopathon prpertrophic subsact in strends now how wansante of the outloon destruction due to the indupole affects of digram. PRECAUTIONS: Use in Patients with Impaired Renal Function: Olgoxin is primarily excreted by the kidneys; therefore, patients with Impaired renal func-

especially in patients with transi dystlunction, by increasing the non-rarial chemines of digrain. There have been increasing the non-rarial chemines of digrain. There have been increasing the non-transition of the direct feet, quirting, positionally on serum digrain concentration. There daministration to a digrain concentration of patient may because the does neutrinosed of digrain. Concernitarion arriyhdulis Socciophobile may cause a sindese retruction of patient arriyhdulis Socciophobile may cause a sindese retruction of patient their patients. Withough bits-adversige backers or action an anneal bedockes and digrain may be useful in combination to control arise the filliative, their additions we fill not combination to control arise the distance. Drug interections. Potassium-deplating disredict are a major can inhibiting dates to digitalis trackly. Cacking, particularly it administered applictly by the intersection route, may produce actions surthings in digitalized patients. Quindine, verspannil, anniestrone, proposemen, admonstracting, interactions, proposemen, admonstracting, administration actions in the serum diguid concentration date to a reduction in clean rate the serum diguid concentration date or a reduction in the digitals inductation on the drug with the implication of the Art drug with the implication that digitals inductation any result. Exprimensors and citerior for the production of the control of the digital inductation may result. Exprimensors and citerior linearized and possibly other marchides architectarization description. Ilthomyclo (and possibly other macrofide sulbudiscs) and tetracycline and processibly other macrofide sulbudiscs; and instance digran by bacteria backpoint in pathers with instance digran by bacteria serbodism is the forest inserting, as intel digratis interaction may result (see CLMICAL PHRIADOLIGE). Absorption) Propanhaine may result (see CLMICAL PHRIADOLIGE). and diphanorylate, by decreasing gut motility, may increase digodin absorption. Anlacids, kaolit-poctin, sulfasaladne, neomycin, choles-byamuse, ceitain antikander drugs, and metoclopramide may interfere concentrations. Ritampın may decmase serum digodin cancentration intestinal algodin absorption, resulting in une advanced or complete heart block.

Oue to the considerable variability of these lateractions, the dosage of digouin should be individualized when patients receive digody may cause prolongailon of the PR interval and depression of the ST segment on the electrocardiogram. Digody may produce false officant deterbration in ronal function, since a decline in glomerula: drug/Laboratory Test Interactions: The use of therapeutic doses of positive SI-T changes on the efectocardiogram during exercise testthese medications concurrantly. Furthermore, caution should be exer filtration or tubular secretion may impair the excretion of digozon. when combining digazin with any drug that

ing. Thasa electrophysiologic effects reflect an expecied effect of the didug and are not indicative of toxicity Carcinogenesis, Mutagenesis, Impatrment of Fer tility: There have been no tong-term studies performed in animels to evaluate carcinobeen no long-term studies performed in animels to evaluate carcino-genic potential, nor have studies been coaducted to assess the muta-Pregnancy: Jeratoganic Effects. Pregnancy Category C. Animal ganic potential of diguen or its potential to affect fertility

responduction studies have not been canducted with diguan. Il is also a steproduction studies have not been canducted with diguan. Il is also a stought when weights righted sheaf his two when administered it is a progenal woman or an attest reproductive capacity. Diguin should be given to a program woman that digual concentrations in the mother's setum and milk see similar, thewever, the setumated stop-sayn of a narring instant of elgands we bearst feeding with lie fat helpow have no phermacologic ellect upon the idnah. Kevertheirss, caudin should have no phermacologic ellect upon the idnah. Kevertheirss, caudin should have no particular national minists studies, this amount should have no particular infants and intrastium ellens are availability in this filled with the digenit. Fremacure and intrastium ellens are particularly serability to the elicited of digenit in the studies of the stud

Recents a some patients measurants are continued at the measure of effects with digons, the decape of the tires should abways be selected in the past, when high doess of these tires should abways be selected in the past, when high doess of digotin were used and tithe alternion was spat to citilize as the content of measures and the past and the citilize as the content of the past, when high doess of digotin were used and tithe alternion to the past, when high doess of digotin were used and tithe alternion to the past, when high doess of digotin were used and its averse reaction to the past of the most mean the recent contribute distributions for the mean and severe standing should be mean and severe standing should be mean to the past of the th

Gestratutes (new Diponin may cause anomals, nauses, womling and distribes. Rarely, the use of digmin has been associated with addominate plan, intestinal schemis, and hemorthagic necross of the intestinal plan.

CMS Ciligatin can parduca visual disturbancas (bitured or yellow vision), headed, washbases, climanes, apalius, culvidisin and mental disturbances (such 24 analys) dopression, delintum, and hallocinellum) distor Convectors to some occasionally abserved following this perionage loss of ligatin. The managorphopaia and mastilopopaial stash and ditter skin metalons have been rendy observed.

traval trial. Petiants in these trials were also necessiving disselect a with or without supplement-converting expone michinics. These parties is the second parties of affecting and were randomized to degain or least stable on degain, and were randomized to degain or placebo. The results thom to fable 4 reflect the experience tip safeting decape concentrations are acreated force-up. These access expendences are consistent by wherein were half the patients were not receiving digazin prior to have The inflowing table summatizes the incidence of those adverse experiences listed above for patients treated with digoxin tablets or placebe from two randomized, dauble-blind, placebo-controlled with-

Table 4: Adverse Espectences in Two Pazallal, Double-Blind, Placebo-Controlled Wilhdraws) Trisis (Number of Patients Reporting)

			Ε,
	Digaxin Patients	Placebo Patkents	*
Adverse Experience	(n=123)	(n=125)	_
Cardiac			\$
Patoriation	_	4	E
Ventricular extrasystole	-	-	_
Tachycardia	2		#
Heart arrest	-	-	_
Gastrointestinal			_
Anorexis	_	4	_
Nausea	*	~	2
Vomiling	2		
Olarrhea	4		
Abdominat pain	-	9	_
CNS			_
Headache	4	•	_
Dizziness	٠	r.	
Mental disturbances	ç	-	
Other			-
Rash	2		
Carlo Carlo	-	m	

Infants and Childran. The side affects of digoon in infants and childran. The side affects of digoon in infants and childran grain may postuce anomate, nevers, womiting, distribute, and Child distributed in young gottens, these are rarely the hillel symptoms of overdinage. Afters, the earlier and most frequent manifestation of excessive dosing with dignoin in fants and childran is that appearance of cardiar articipations and childran is that appearance of cardiar articipations, such substituted in distributeness or superventicates behaviorly thinks, such as autilisticativated with without body and judgently high as a superventicate, and suppensity that without body and judgently industrial and supperventicates are cardiar substituted as whythous are learned body, and judgently find a superventical analysis are less common Sinus brodycardial may be a sign of impending digorale interlettion, aspecially in figures, in shearing on a cardiar condustrib that develops in a shift siding digore in should be assumed to be caused by digonin, until further evaluations

Treatment of Adverse Reactions Produced by Wendssage: Digorin stabilists about he insuperse reaction rations, sould he insupers reaction rations. Every effort should also be made to correct leadors him may continue by the adverse medicin techni se insuperly disturbances or concurrent medications. Once the adverse reaction has resolved, interapply with Adjoring Jore the adverse reaction has resolved. OVERDOSAGE.

what of does.

Withdraweld of groun may be all that is required to treat the advance withdraweld of algorin may be all that is required to treat the advance of discount newsers, when the primary anoid lestaldin of discount obserge is a centher annihilation, and defining it here any may be needed.

If the right individuance is a symptomatic beorgering lyming or heart bock, consideration should be given to the sweezal of totacity with DIGBINIO® (Digouin immune fea (Ovine)) (see below). The use of arouption act its instruction als shopping yeartile permanatics (sweez, asymptomatic brady-cardis on theart block, related to digotin may require andy temporary withdrawal of the drug and castisse monitor.

If the rightmed disturbance is a venificular arthythmia, consideratites should be given to the concreden or deficitly definities, particautive It spokuterind (see allow) or hypomognessmia protection,
using the should be given to the concredent and the protection of the concredent of the concrede Massive Digitalis Overdosage: Manlessations of life-threatening toticity include venticular lathycards to venticular librillation, or progressive bradyarthythmiss, or heart block. The administration of novethan 10 mg of digoxin in a previously healthy adult or more than in a previously healthy child, or a steady-state serum concen-

reverse this topic ellects of ingestion of a massive overdors. The decision to administer DIGBHOS Disposin immons tab (polina) to a stront to administer DIGBHOS Disposin immons tab (polina) to a partiet who has in trested a massive dose of disposin but who has not yet manifested like-liheratening toxicity should depend on the likelihood that IMe-threatening toxicity will occur (see above). tration greater than 10 ng/mt often results in cardiac arrest.

OIGSBING® (Digozin Immune Fab (Ovine)) should be used to

Patients with massive digitals ingestion should receive large does a statested received to receive the goal calculate capecially considered to the goal canding entercenter conficientials. The goal canding entercenter conficientials. The size of the patient's researchion in the hospital. Excess strond on ge he noticed in patients who are channels. It a patient presents more of the patient's received that the hospital. Excess strond on give a continue of the patient presents more of the notice in patients who are channels. It a patient presents more of the because such mannerers may induce an acute weight spirate on that he can worsen digitalist-related arithythmias.

Swere digitalis intodication can couse a massive shift of potas-alum from exists to endsted the call, lasting to life-threatening specialemb. The administration of potassium supplaments in the sating of enastive intoucation may be bazardous and should be avoided. Hyparhalemb existed by massive digitalis torticity is best mater with DittiBIND® (Digoton Immove Fab (Ovina)), latified treat-mant with glucese and insulin may also be required if hyperfeatenia itself is acutely life-threatening.

JSAGE AKO ADMINISTRATION:

Unable Read Commended Googles of Geguin may require considerable modification because to Infinitely an annihity of the patient to the modification because to Infinitely annihity of the patient to the modification has estending a doze of digouin, the following factors must be considered and included conditions, the bodies and the conditions in selecting a doze of digouin, the following factors must be exceeded and the patient. Dozes should be calculated with a seast disponder of factors of the patient's teast function, profesable yearlanded on the basis of digodin than adults. Also, advanced age may be indicative of digodin than adults. Also, advanced age may be indicative of digodin caven in palients with normal serum in creativing concernation (e., blow 15 mg/dil).

4. Concomitant disease statists, concurrent medicalitims, or when to factors likely to allar the pharm codivention or plant or pharmacodymanner.

Serum Digotine Concentrations: In general, the date of digodin used in should be defamined and management of the should be defamined and pulling grounds. However, However, the digotine consentrations can be helpful to the circidian in date-influing the adequacy of digotin interapy and in assigning certain problem additise to the likelyhood of digotin indication. About the Merkes of additise consentrations of digitalized (whitever older the Merkes of the additise consentrations of digitalized (whitever older of the digitalized of the digitalized (whitever older old

To allow acquains from the equilibration of digonin balween serum and tessus, sampling of serum contentrations studio the decimal to the next schooled doze of the drug if this is and possible, sampling should be done at least 6 to 8 hours after the last dose, it repartes so the next schooled doze of the drug if this is and possible, as capped and the service of th

1. Analytical problems in the assay procedure

2. Inappropriate serum sampling time
3. Administration of a digital spoosde other than digatin
4. Conditions of deglarial spoosde other than digatin
6. Conditions (described in Wieldenschafts) cause
ing an alteration in the sensitivity of the patient to digatin
5. Surum digation consultation may denease according during partoch air exercise without any associate change in clinkal difficcy due to increased brinding of digent to shalful muscle

Heart Falture. Adults. Digilalization may be accompilshed by either of the general appraches half vary in dosege and frequency of administration, but reach the same endpoint in terms of loial amount of digoale accomplated in the body.

If rapid digitalization is considered medically appropriate, it mays achieved by administrating a localing dosa based upon projected opeas digeant body stores. Maintenance dosa can be esciulated as a percentage of the localing dosa More gradual digitalization may be ablained by beginning an

Moce gradual digitalization may be obtained by beginning an appropriate maintenance dosa, thus atlewing digoxin body stores to accumulate stewly Steady-state serum digoxin con-

Appli Digitalization with a toading Dozer Peak (Biguth bady stores of 8 of 2 merge thanding bound brough terrapatic effect with minimum risk of toncity it must pallents with heart failure and normal situations because the standard pallents with heart failure and memia situations because the standard order than the administric, operated pask hody stores for patients with nearl interfletency should be conservative (i.e., 6 to 10 meg/kg) (see PRECAUTIONS). achieved in approximately five half-lives of Individual patient. Depending upon the centrations will be achieved in approximately five half-lives of the drug for the Individual patient. Depending upon the patient's ienal function, this will take between 1 and 3 weeks.

The loading does should be administered in several partients, with roughly half in their glewan should historia, administrations of this planned statistics may be given as 16- to 8-hour intervols, with case to a several several several additional does to a several response before each additional does.

A single inities force of 300 to 750 meg (4.5 to 0.75 mg od digoc. In the hebre to supply opercease a detectable effect in 0.5 for 2 most in hebre sussign opercease a detectable effect in 0.5 for 2 most of 1.25 to 0.375 mg may be given reautiously at 6. to 6. but in leavals and ill clinical sectioners of an adequate effect is noted. The susual amount of algonic tables time a 70-kg patient sequentist to achieve at 6.1 2 meg/kg peek body slores 15 750 to 1,250 meg (0.75 to 1.25 meg) of 200 meg (0.75 to 1.25 meg) operations in the patients of maintenance through if patients are switched from infraremous to maintenance through if patients are switched from infraremous to considerable in the construction and the If the patient's clinical response necessitates a change from the calculated loading dose of digusth, then calculation of the maintenance dose should be based upon the amount actually given

in a subset of approximately 1,800 patients enredied in the DIG trial (wherein doxing was to based on an ageithm suitant that it hable S) when mean (4.8D) swittin digardi concentrations at 1 meant and 1.2 months were  $1.01 \pm 0.47$  ng/ml. and  $0.97 \pm 0.43$  ng/ml. respectively. The maintenance dose should be based upon the percentage of the peak body stores last each day through elimination. The following formule has hed wide clinical use:

Maintenance Dose = Peek Body Stores (i.e., Loading Dose)  $x \% \ Dally Loss/100$  Where: % Dally Loss = 14 + Ccr/5

(Ccr is creatinins clearance, corrected to 70 kg body weight or 1 73 m  $^{2}\,$  body surface area )

Table 5 provides average delity maintenence dose requirements of digorin tablets for patients with heart failure hased upon lean body weight and renal function:

Table 5: Usual Daily Maintenance Dose Requirements (mcg) of Digoxin for Estimated Peak Body Stores of 10 mcg/kg

	L		ള	n Body	Neigh.			Number of
Corrected Corr	3	8	8	2	젊	8	8	Days Before Steady-State
per 70 kg)*	_	2	132	ž,	176	198	220	Achieved
-	Ĺ	579	52	22	[22]	187.5	187.5	22
e	_	23	2	125	187.5	187.5	_	61
22	_	22	125	187.5	187.5	1875		15
æ	_	125	187.5	187 5	187.5	25	520	4
9	_	52	187.5	1875	8	S		E)
S	_	875	1875	32	250	Ž		22
8	_	1875	187 5	250	5	82		=
20	_	187,5	250	250	250	22		9
2	_	875	250	520	250	35		65
8	_	87.5	25	250	3	35		•4
8	_	32	25	250	375	33		~
						-	1	

\*Co is createline cleanance, corrected to 70 kg body weight or 1.73 m² hody surkers are 65 addult; I hon's some createline concentrations: (SCs) are a weillabble, a Cort (corrected to 10 kg body weight) may be estimated in men as LL40-AteplSor For women, this result should be

Hote. This equalion cannot be used for estimating creatitine clear-ancia inflata or children. If no should get as children in the clear If no should dost administered to S.S. once, a 0.055 ong. a 25 once, a 0.055 ong. a 25 once, a stimated standom the above table, a patient in heart failure with an stimated team loofy weight of 70 kg and a Gord 60 pullumin, should

be given a dose of 250 mcg (0 25 mg) daily of digoun tablets, usuar-y taken after the morning meal, il no loading dose is administered, sipady-state serum concentrations in this pailent should be antici-pated at apparatmately 11 days.

Infants and foliations in general, divided daily design is recommended for infants and owner children ductors per (10) in the mechanism of
our renal clearance of digent) is diminished and suitable desage
adjustments must be observed. This is especially pranounced in the
premainter usin't gown of the inmediate mechanism period, shildren
generally require proportionally latgree doses than adult; on the basis
of body weight or body surface area. Children over 10 years of act
negates adult doses in impendition to hair body weight. Some
measurement shave suggested that thinks and young children tolerate
stightly higher serum concentrations than do adults.

Daily maintenance doxes for each age group are given in Table 6 and should provide therapastic effects with minimum risk of (corcity) in mast patients with heart failure and normal sinus rhythm, there recommendations assume the presence of normal renal function.

Table 6, Daily Haintenance Doxes in children with Normal Renal Euroction

(mcg/kg  (mcg/kg  2 to 5 years		2	.≥ .≥	Daily Maintenance Dose	a Dose
10 to 3 to	ige Se	Ē	S	2	
3.7 th	2 to 5 years	or .	2	15	
Dver 10 years 3 to 5	5 to 10 years	_	\$	92	
	Over 10 years	m	₽	s	

it cannot he overemphastrad that both the adult and pediatric organization transcribes profided are based upon everage putdenter profided as perofed as based upon the appetent Accordingly, ultimate dosage selection must be based upon clinical cordingly, ultimate dosage selection must be based upon clinical

Affats Philiplion, Peak digrain hody stores larger than the 8 to 12 meg/de required for mast palitars with heat latine and corneal alwas reptime have been used to control of ventricular rate to national with a dial of building. Document of degrain used for the treatment of chains a dial of building the second of the treatment of the hand of the second of the secon

NDC 62794-145-01 bottles of 100 tablets

DIGITEX™ (digoren tablets, USP) 250 mcg (U.25 mg) are while, round labids, and implinited with 8 146 on the scared side of the tablet. They are available as follows. ADC 62794-145-10 bottles of 1000 tablets NDC 62794-145-56 bottles of 5000 tablets

State at 15° to 25°C (59° to 77°F) in a dry place and protect from Hight NDC 62794-146-01 bottles of 100 tablets NDC 62794-146-10 bottles of 1000 tablets

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